

US-PAT-NO: 6256349

DOCUMENT-IDENTIFIER: US 6256349 B1

TITLE: Picture signal encoding
method and apparatus, picture
signal transmitting method,
picture signal decoding
method and apparatus and
recording medium

DATE-ISSUED: July 3, 2001

INVENTOR-INFORMATION:

NAME	STATE	ZIP CODE	COUNTRY	CITY
Suzuki; Teruhiko	N/A	N/A	JP	Chiba
Yagasaki; Yoichi	N/A	N/A	JP	Kanagawa

APPL-NO: 08/ 772894

DATE FILED: December 24, 1996

COUNTRY	APPL-NO	FOREIGN-APPL-PRIORITY-DATA:
JP	7-344146	December
28, 1995		

US-CL-CURRENT: 375/240.18

ABSTRACT:

There is provided a picture signal encoding
method in which a signal
obtained on processing picture signals with

encoding accompanying real-number calculations and the resulting quantized signal is outputted, locally decoded data of the encoded data and data prevailing prior to execution of the real-number calculations are compared to each other to find a difference signal. This difference signal is added to decoded data for signal correction for realizing reversible encoding and the encoding/decoding of high-precision picture signals. Also provided are a corresponding signal encoding apparatus, a picture signal transmitting method, a picture signal decoding method and apparatus and a recording medium having thereon recorded signal decodable by the picture decoding apparatus

23 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 10

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Claims Text - CLTX (8):

2. The picture signal encoding method as claimed in claim 1 wherein said real-number calculations consist in discrete cosine transform.

Claims Text - CLTX (20):

7. The picture signal encoding apparatus as claimed in claim 6 wherein said real-number calculations consist in discrete cosine transform.

Claims Text - CLTX (34):

12. The picture signal transmitting method as claimed in claim 11 wherein said real-number calculations consist in discrete cosine transform.

Current US Original Classification - CCOR (1):

375/240.18